

# **MANUAL**

**SACRA300**



# Intelligent Access Control Keypad

## 1、Product Features and Technical Parameters

### 1.1 Product Features

- Open Mode: Card, Code, Card + Code.
- Programming Code: 1set (Default: 123456).
- Master Card: Add or Delete User Card.
- Independent Open Door Code: Open Door With This Independent Code.
- Nice Appearance, With digital Backlit Keypad, It Is Available Operate At Night, Built-in Alarm Output For External Alarm, Anti-theft Device.
- User Card No. Can Be Deleted By Keypad
- Bidirectional Enter-Output, Wiegand 26 Interface and Door Bell Interface. With Door Magnet Sensor, Achieve Open Door Overtime Alarm Alerts.
- Wiegand 26 Output, It Can Be Used As Wiegand Reader
- With Door Bell Button And Interface: Button Is Isolated From Circuit, Any Doorbell Can Be Connected.

### 1.2 Technical Parameters

Item	Technical Parameters	Item	Technical Parameters
Operating Voltage	DC9V-DC24V	Operating Temp	-20°C—60°C
Standard Current	≤100mA	Capacity	2000 (Expandable)
Operating Humidity	20%—90%	Independent Open Door Code	200 sets (Customizable)
Reader Distance	1-15CM	Electric Lock Output	Dry Contact (3A@24VDC)
Card	MF1or EM Card	Alarm Output	1A@12VDC

### 1.3 The Factory Default

Item	Default	Item	Default
Programming Code	123456	Open Mode	Card or Independent Open Door Code
Independent Open Door Code	No	Anti-Demolition Alarm	Open
Unlock Time	3secs	Modify Personal Code function	Closed

### 1.4 Wires Definitions

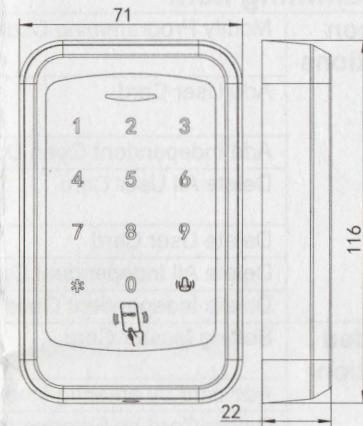
#### 8PIN Definitions

Mark	Color	Definition
12V+	Red	Power Positive
GND	Black	Power Negative
NO.	Yellow	Normally Opened Terminal
COM.	Green	Common Terminal
NC.	White	Normally Closed Terminal
SWITCH	Orange	Exit Switch
BELL	Blue	Door Bell 1
BELL	Blue	Door Bell 2

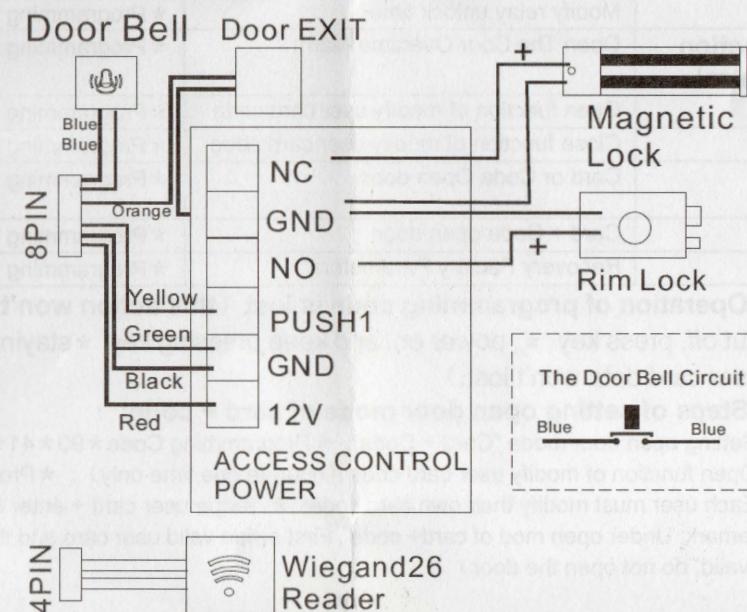
#### 4PIN Definitions

Mark	Color	Definition
DATA0	Yellow	Wiegand Data 0
DATA1	Green	Wiegand Date 1
GND	Black	Power Positive
12V	Red	Power Negative

Unlock is dry contact output, load capacity 3A@30VDC



### 1.5 Wiring Instruction



# Intelligent Access Control Keypad

## 2、Operation

### 2.1 Master Card Operation

#### ● Add User Card

Swipe "Master Card", green light flash, continuously swipe user card which need to add, then swipe "Master Card" to exit.

#### ● Delete Card

Swipe "Master Card" two times in 3 secs, red light flash, swipe user card which need to delete, then swipe "Master Card" to exit.

### 2.2 Keypad Programming Operation

Programming Item		Operation	Remark
Common Operations	Modify Programming Code	* Programming Code * 00 * New Programming Code *	If forge programming code, please follow step 2.3 operate.
	Repeat New Programming Code *		
	Add User Card	* Programming Code * 51 * continuously swipe user card *	Add many cards at one time, User card is automatically set to the default code 000000
	Add Independent Open Door Code	* Programming Code * 13 * Enter 6 No. Code *	Do not set 000000 and other simple code
	Delete All User Card	* Programming Code * 40 * 90 *	This operation will delete user card and corresponding code, but won't delete master card
	Delete User Card	* Programming Code * 71 * continuously swipe user card *	Delete many cards at one time
	Delete All Independent Open Door Code	* Programming Code * 40 * 91 *	Delete all Programming Code at one time
Extended Operation	Delete Independent Open Door Code	* Programming Code * 23 * Enter 6 Code *	Delete Programming Code
	Setting Master Card	* Programming Code * 80 * Swipe Card	If your master card is lost, you can do this operation. after finish setting, the system automatically exits
	Add card by entering inner card No.	* Programming Code * 52 * Enter 10 Code inner card No. *	User card is automatically set to the default code 000000
	Delete Card by Entering Inner Card No.	* Programming Code * 72 * Enter 10 Code inner card No. *	This operation will delete user card and corresponding code
Function Control	Modify relay unlock time	* Programming Code * 62 * 2 code unlock time *	2 No. of code is 01—99secs, delay time is 01-99secs
	Open The Door Overtime Alarm	* Programming Code * 90 * 11 *	Alarm under condition of door magnet.
	Open function of modify user card code	* Programming Code * 90 * 31 *	Allow user to modify their own card code
	Close function of modify user card code	* Programming Code * 90 * 30 *	Not allow user to modify their own card code
	Card or Code Open door	* Programming Code * 90 * 40 *	Card, Card code, Independent Open Door Code are all available open door
	Card + Code open door	* Programming Code * 90 * 41 *	Independent Open Door Code no limited
Recovery Factory Parameters		* Programming Code * 90 * 90 *	The factory parameters are recovered by default

### 2.3 Operation of programming code is lost (this action won't cause the user card data loss):

Cut off, press key \*, power on, and keep pressing key \* staying more than 5 secs, buzzer long ring tip, then release hand. (after reset, programming code: 123456. User card data won't lost.)

### 2.4 Steps of setting open door mode of card + code:

1、Setting open door mode "Card + Code": \* Programming Code \* 90 \* 41 \*

2、Open function of modify user card code (operate one time only) : \* Programming Code \* 90 \* 31 \*

3、Each user must modify their own card code: \* swipe user card + enter 6 code (default code 000000) \* enter 6 new code \* repeat 6 new code \*

Remark: Under open mod of card+ code , First swipe valid user card and then enter 6 corresponding card code can open the door (The default 000000 must be modified, otherwise the code is invalid, do not open the door)